

Interactive comment on “A Review of MIS 5e Sea-level Proxies around Japan” by Evan Tam and Yusuke Yokoyama

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The paper by Tam and Yokoyama provides an overview of sites in Japan Archipelago coasts where evidence of indicators of the Last Interglacial shoreline were previously published. The compilation was taken in the frame of the WALIS project - the World Atlas of Last Interglacial Shorelines and follows its protocol as supporting databases show. To my knowledge a modern compilation of LIG data from Japan Archipelago is lacking so the effort is welcomed. The authors have subdivided the database description for the different islands and part of the islands where the LIG proxies show a more or less coherent elevation distribution. Large differences in elevations arise from the circumstantial position relative to active tectonic structures that causes uplift or subsidence. Overall, there is an exceptional age control on the terraces thanks to

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the excellent correlation with dated tephrostratigraphic horizons and absolute dating. I found the compilation exhaustive and concise to the point.

Only at rare spots, I found some mistaken typing as follows: Line 67: add “on” before “marine” Line 117: Pleistocene upper case Line 133: amend “compared” without the i Line 200: here the sentence is truncated Line 257-258: could you show the location of these volcanic features on the map? Line 259: “sub-categories” – better subregions Line 264: “additionally ZP” – insert “by the” Line 336: Sagami Through – better Sagami trench subduction Line 343: unclear phrasing – maybe truncated sentence Line 367: “Elevations on the western side of the Kii peninsula generally increase in elevation” Line 369-370: “Terraces are described as one of a set of seven (H1–H4 and L1–L3, with L1 representing MIS 5e), and are described as...” Please avoid repetition.

Tables (bit please check the typing more carefully): Table 1: “sediments” – add “m” Table 2: “Amphitegina” – correct: Amphistegina

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